



RESPONSE UNDER 37 CFR § 1.111

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Title: OPTICAL AND ELECTRICAL INTERCONNECT

Assignee: Intel Corporation

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IN THE CLAIMS

Make no amendments to the claims.

1. (Original) An interconnect comprising:
an anisotropic conductive film; and
an optically transmissive unit embedded in the anisotropic conductive film, the
optically transmissive unit providing an optically transmissive path through the
anisotropic conductive film.

2. (Original) The interconnect of claim 1, wherein the anisotropic conductive film
comprises an adhesive, anisotropic conductive film.

3. (Original) The interconnect of claim 2, wherein the adhesive, anisotropic
conductive film comprises an epoxy and a plurality of conductive particles embedded in
the epoxy.

4. (Original) The interconnect of claim 3, wherein the optically transmissive unit
optically couples each of a plurality of optical transmitters to one or more optical
receivers.

5. (Original) The interconnect of claim 1, wherein the optically transmissive unit
optically couples each of a plurality of optical transmitters to one or more optical
receivers.

6. (Original) The interconnect of claim 5, wherein the optically transmissive unit
has a transmission area that is substantially rectangular.

7. (Original) The interconnect of claim 5, wherein the anisotropic conductive film comprises an adhesive, anisotropic conductive film.

8. (Original) The interconnect of claim 1, wherein the optically transmissive unit comprises an optical polymer.

9. (Original) The interconnect of claim 8, wherein the optical polymer comprises an acrylic acrylate.

10. (Original) The interconnect of claim 9, wherein the optically transmissive unit comprises a substantially cylindrical optically transmissive material.

11. - 23. (Canceled)